

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	88	arm and axle and wheel and angle same sensor and oscillat\$3 and brak\$3	US- PGPUB; USPAT; EPO; JPO; DERWEN T
2	BRS	L2	88	arm and axle and wheel and angle same sensor and oscillat\$3 and brak\$4	US- PGPUB; USPAT; EPO; JPO; DERWEN T
3	BRS	L3	194	arm and wheel and angle same sensor and ((oscillat\$3 rotat\$3 pivot\$3) near10 axle) and brak\$4	US- PGPUB; USPAT; EPO; JPO; DERWEN T
4	BRS	L8	3	("6056501").URPN.	USPAT
5	BRS	L9	9	("4093091" "4393959" "4499541" "4511974" "4520443" "5011358" "5388857" "5666295" "5947516").PN.	US- PGPUB; USPAT; USOCR
6	IS&R	L10	1053	(37/394,395,417,348).CCLS.	US- PGPUB; USPAT; EPO; JPO; DERWEN T
7	BRS	L11	32	10 and angle near5 sensor and wheel	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Type	L #	Hits	Search Text	DBs
8	BRS	L12	2	10 and angle near5 sensor and wheel and axle	US- PGPUB; USPAT; EPO; JPO; DERWEN T
9	BRS	L13	1	"414"/\$.ccls. and angle near5 sensor and wheel and axle and shovel	US- PGPUB; USPAT; EPO; JPO; DERWEN T
10	BRS	L14	32	"414"/\$.ccls. and angle near5 sensor and wheel and axle	US- PGPUB; USPAT; EPO; JPO; DERWEN T
11	IS&R	L15	46	(414/235) .CCLS.	US- PGPUB; USPAT; EPO; JPO; DERWEN T
12	IS&R	L16	303	(37/394,395) .CCLS.	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Type	L #	Hits	Search Text	DBs
13	BRS	L17	2184	power adj shovel	US- PGPUB; USPAT; EPO; JPO; DERWEN T
14	BRS	L18	106	thrust near3 bearing and (vertic\$5 near5 (rotat\$4 swivel\$4)) and (shovel excavat\$5 bucket)	US- PGPUB; USPAT; EPO; JPO; DERWEN T
15	IS&R	L19	472	(180/235,24.01).CCLS.	US- PGPUB; USPAT; EPO; JPO; DERWEN T
16	IS&R	L20	70	(414/698).CCLS.	US- PGPUB; USPAT; EPO; JPO; DERWEN T
17	IS&R	L21	93	(414/695).CCLS.	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Type	L #	Hits	Search Text	DBs
18	BRS	L22	11597	hydraulic near3 (excavator shovel)	US-PGPUB; USPAT; EPO; JPO; DERWEN T
19	BRS	L23	3146	hydraulic adj (excavator shovel) and shovel	US-PGPUB; USPAT; EPO; JPO; DERWEN T
20	BRS	L24	20	hydraulic adj (excavator shovel) and axle and sensor and wheel	US-PGPUB; USPAT; EPO; JPO; DERWEN T
21	BRS	L25	71	hydraulic same (excavator shovel) and axle and sensor and wheel	US-PGPUB; USPAT; EPO; JPO; DERWEN T
22	BRS	L26	198	excavat\$5 and axle and sensor and wheel	US-PGPUB; USPAT; EPO; JPO; DERWEN T

	Type	L #	Hits	Search Text	DBs
23	BRS	L27	14	excavat\$5 and axle and (pivot\$ angle) near5 sensor and wheel	US- PGPUB; USPAT; EPO; JPO; DERWEN T
24	BRS	L28	3389	axle and (pivot\$ angle) near5 sensor and wheel	US- PGPUB; USPAT; EPO; JPO; DERWEN T
25	BRS	L29	793	axle same (pivot\$ angle) near5 sensor and wheel	US- PGPUB; USPAT; EPO; JPO; DERWEN T
26	BRS	L30	350	29 and (construction work excavat\$ shovel dragline)	US- PGPUB; USPAT; EPO; JPO; DERWEN T
27	IS&R	L31	348	(414/697) .CCLS.	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Type	L #	Hits	Search Text	DBs
28	IS&R	L32	416	(414/699) .CCLS.	US- PGPUB; USPAT; EPO; JPO; DERWEN T
29	IS&R	L33	100	(414/700) .CCLS.	US- PGPUB; USPAT; EPO; JPO; DERWEN T
30	BRS	L34	124	(31 32 33) and wheel	US- PGPUB; USPAT; EPO; JPO; DERWEN T
31	BRS	L35	10	("4512589") .URPN.	USPAT
32	BRS	L36	33	("3439927" "3550993" "3792748" "3953040" "4065143" "4090723" "4145073" "4174854" "4205864" "4264014" "4270771" "4279319" "4393959" "4512589" "4705295" "5005858" "5013061" "5116077" "5117950" "5188248" "5230529" "5271632" "5290048" "5338010" "5368322" "5388857" "5447331" "5449194" "5639119" "5735540" "Re35168") .PN.	US- PGPUB; USPAT; USOCR

	Type	L #	Hits	Search Text	DBs
33	BRS	L37	33	("3439927" "3550993" "3792748" "3953040" "4065143" "4090723" "4145073" "4174854" "4205864" "4264014" "4270771" "4279319" "4393959" "4512589" "4705295" "5005858" "5013061" "5116077" "5117950" "5188248" "5230529" "5271632" "5290048" "5338010" "5368322" "5388857" "5447331" "5449194" "5639119" "5735540" "Re35168") .PN.	US- PGPUB; USPAT; USOCR
34	BRS	L38	10	("3099358" "3250410" "3669286" "3703973" "3712490" "3717269" "4049139") .PN.	US- PGPUB; USPAT; USOCR
35	BRS	L39	8	("3669286") .URPN.	USPAT
36	IS&R	L40	611	(180/41) .CCLS.	US- PGPUB; USPAT; EPO; JPO; DERWEN T
37	BRS	L41	297	40 and wheel	US- PGPUB; USPAT; EPO; JPO; DERWEN T
38	BRS	L42	129	40 and wheel and axle	US- PGPUB; USPAT; EPO; JPO; DERWEN T